

AMENDMENTS TO THE SPECIFICATION

Please add the following section heading before page 1, line 4 of the specification as-filed beginning “In connection with industrial reactors...”:

BACKGROUND OF THE INVENTION

Please delete the paragraph beginning at page 2, line 13 of the instant specification (“The invention is characterized...”).

Please add the following section heading before page 2, line 17 of the specification as-filed beginning “The solution according to the invention...”:

SUMMARY OF THE INVENTION

Please add the following section heading before page 3, line 25 of the specification as-filed beginning “Figures 1a, 1b and 1c A cooling element...”:

BRIEF DESCRIPTION OF THE DRAWINGS

Please add the following section heading before page 3, line 29 of the specification as-filed beginning “Figures 1a, 1b and 1c illustrate...”

DETAILED DESCRIPTION OF THE INVENTION

Please replace the section entitled “ABSTRACT” beginning on page 9 of the specification as-filed with the replacement section commencing on the following page.